Refrigerator

user manual

English

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SAMSUNG

Free Standing Appliance

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Safety Information

SAFETY INFORMATION

- Before operating the appliance, please read this manual thoroughly and retain it at a safe place near the appliance for your future reference.
- Use this appliance only for its intended purpose as described in this instruction manual. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Warnings and Important Safety Instructions in this manual do not cover all possible conditions and situations that may occur. It is your responsibility to use common sense, caution, and care when installing, maintaining, and operating your appliance.
- Because these following operating instructions cover various models, the characteristics of your refrigerator may differ slightly from those described in this manual and not all warning signs may be applicable. If you have any questions or concerns, contact your nearest service center or find help and information online at www.samsung.com.

Important safety symbols and precautions :

WARNING	Hazards or unsafe practices that may result in severe personal injury or death.
CAUTION	Hazards or unsafe practices that may result in minor personal injury or property damage.

	Do NOT attempt.
	Do NOT disassemble.
	Do NOT touch.
	Follow directions carefully.
	Unplug the power plug from the wall socket.
	Make sure the machine is grounded to prevent electric shock.
	Call the contact center for help.
	Note.

These warning signs are here to prevent injury to you and others.
Please follow them carefully.
After reading this section, keep it in a safe place for future reference.

CE Notice

This product has been determined to be in compliance with the Low Voltage Directive (2006/95/EC), the Electromagnetic Compatibility Directive (2004/108/EC) and the Eco-Design Directive(2009/125/EC) implemented by Regulation (EC) No 643/2009 of the European Union.

WARNING SEVERE WARNING SIGNS FOR TRANSPORTATION AND SITE

- When transporting and installing the appliance,care should be taken to ensure that no parts of the refrigerating circuit are damaged.
- R600a or R134a is used as a refrigerant. Check the compressor label on the rear of the appliance or the rating label inside the refrigerator to see which refrigerant is used for your refrigerator.
- When this product contains flammable gas (Refrigerant R600a),
  - Refrigerant leaking from the pipe work could ignite or cause an eye injury. If a leak is detected, avoid any naked flames or potential sources of ignition and air the room in which the appliance is standing for several minutes.
  - In order to avoid the creation of a flammable gas-air mixture if a leak in the refrigerating circuit occurs, the size of the room in which the appliance may be sited depends on the amount of refrigerant used.
  - Never start up an appliance showing any signs of damage. If in doubt, consult your dealer. The room where the refrigerator will be sited must be 1m^3 in size for every 8g of R600a refrigerant inside the appliance. The amount of refrigerant in your particular appliance is shown on the identification plate inside the appliance.
  - If the appliance contains isobutane refrigerant (R600a), a natural gas with high environmental compatibility that is, however, also combustible. When transporting and installing the appliance, care should be taken to ensure that no parts of the refrigerating circuit are damaged.

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WARNING SEVERE WARNING SIGNS FOR INSTALLATION

- Do not install this appliance in a humid, oily or dusty location, in a location exposed to direct sunlight and water (rain drops).
- Deteriorated insulation of electrical parts may cause an electric shock or fire.
- Do not place this refrigerator in direct sunlight or expose to the heat from stoves, room heaters or other appliances.
- Do not plug several appliances into the same multiple power board. The refrigerator should always be plugged into its own individual electrical outlet which has a voltage rating that matched the rating plate.
- This provides the best performance and also prevents overloading house wiring circuits, which could cause a fire hazard from overheated wires. If the wall socket is loose, do not insert the power plug.
- There is a risk of electric shock or fire.
- Do not use a cord that shows cracks or abrasion damage along its length or at either end.
- Do not bend the power cord excessively or place heavy articles on it.
- Do not use aerosols near the refrigerator.
- Aerosols used near the refrigerator may cause an explosion or fire.
- Do not install this appliance in a location where gas may leak.
- This may result in an electric shock or fire.

- The installation or any service of this appliance is recommended by a qualified technician or service company.
- Failing to do so may result in an electric shock, fire, explosion, problems with the product, or injury.
- This refrigerator must be properly installed and located in accordance with the manual before it is used.
- Connect the power plug in proper position with the cord hanging down.
- If you connect the power plug upside down, wire can get cut off and a cause fire or an electric shock.
- Make sure that the power plug is not squashed or damaged by the back of the refrigerator.
- When moving the refrigerator, be careful not to roll over or damage the power cord.
- This constitutes a fire hazard.
- The appliance must be positioned so that the plug is accessible after installation.
- Plug the power plug into the wall socket firmly. Do not use a damaged power plug, damaged power cord or loose wall socket.
- This may result in an electric shock or fire.

- The refrigerator must be grounded.
  - You must ground the refrigerator to
- prevent any power leakages or electric shocks caused by current leakage from the refrigerator.
- Never use gas pipes, telephone lines or other potential lightening rods as ground.
- Improper use of the ground plug can result in an electric shock.

- If the power cord is damaged, have it replaced immediately by the manufacturer or its service agent.
- The fuse on the refrigerator must be changed by a qualified technician or service company.
- Failing to do so may result in an electric shock or personal injury.

CAUTION CAUTION SIGNS FOR INSTALLATION

- Keep ventilation opening in the appliance enclosure or mounting structure clear of obstruction.
- Allow the appliance to stand for 2 hours after installation.

WARNING SEVERE WARNING SIGNS FOR USING

- Do not insert the power plug with wet hands.
- Do not store articles on the top of the appliance.
- When you open or close the door, the articles may fall and cause a personal injury and/or material damage.
- Do not put items filled with water on the refrigerator.
- If spilled, there is a risk of fire or electric shock.
- Do not let children hang on the door.
- Failure to do so may cause serious personal injury.
- Do not leave the doors of the refrigerator open while the refrigerator is unattended and do not let children enter inside the refrigerator.
- Do not allow babies or children go inside the drawer.
- It can cause death from suffocation by entrapment or personal injury.
- Do not sit on the Freezer door.
- The door may be broken and cause a personal injury.
- To prevent children entrapment, you must reinstall the divider using provided screws after cleaning or other actions if you removed the divider from the drawer.
- Never put fingers or other objects into the dispenser hole.
- Failure to do so may cause personal injury or material damage.
- Do not store volatile or flammable substances such as benzene, thinner, alcohol, ether or LP gas in the refrigerator.
- The storage of any of such products may cause an explosion.
- Do not store low temperature-sensitive pharmaceutical products, scientific materials or other low temperature-sensitive products in the refrigerator.
- Products that require strict temperature controls must not be stored in the refrigerator.
- Do not place or use electrical appliance inside the refrigerator, unless they are of a type recommended by the manufacturer.
- Do not use a hair dryer to dry the inside of the refrigerator. Do not place a lighted candle in the refrigerator for removing bad odors.
- This may result in an electric shock or fire.
- Do not touch the inside walls of the freezer or products stored in the freezer with wet hands.
- This may cause frostbite.
- Do not use me chanical devices or any other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not damage the refrigerant circuit.

- This product is intended only for the storage of food in a domestic environment.
- Bottles should be stored tightly together so that they do not fall out.
- In the event of a gas leak (such as propane gas, LP gas, etc.), ventilate immediately without touching the power plug. Do not touch the appliance or power cord.
- Do not use a ventilating fan.
- A spark may result in an explosion or fire.
- Use only the LED Lamps provided by manufacturer or service agent.
- Children should be supervised to ensure that they do not play with and/or climb into the appliance.

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• Do not disassemble or repair the refrigerator by yourself.
- You run a risk of causing a fire, malfunction and/ or personal injury. In case of malfunction, please contact your service agent.

• If the appliance generates a strange noise, a burning or smell or smoke, unplug the power plug immediately and contact your nearest service center.
- Failing to do so may result in an electric or fire hazards.
• If you experience difficulty when changing the light, contact service agent.
• If the products is equipped with the LED Lamp, do not disassemble the Lamp Cover and LED Lamp by yourself.
- Please contact your service agent.
• If any dust or water is in the refrigerator, pull out power plug and contact your Samsung Electronics service center.
- There is a risk of fire.

CAUTION CAUTION SIGNS FOR USING

• To get best performance from the product,
- Do not place foods too closely in front of the vents at the rear of the appliance as it can obstruct free air circulation in the refrigerator compartment.
- Wrap the food up properly or place it in airtight containers before putting it into the refrigerator.
- Do not put any newly introduced food for freezing near to already existing food.
• Do not place carbonated or fizzy drinks in the freezer compartment. Do not put bottles or glass containers in the freezer.
- When the contents freeze, the glass may break and cause personal injury and property damage.
• Do not change or modify the functionality of the refrigerator.
- Changes or modifications may result in a personal injury and/or property damage. Any changes or modifications performed by a 3rd party on this completed appliance are neither covered under Samsung warranty service, nor is Samsung responsible for safety issues and damages that result from 3rd party modifications.
• Do not block air holes.
- If the air holes are blocked, especially with a plastic bag, the refrigerator can be over cooled. If this cooling period lasts too long, the water filter may break and cause water leakage.
- Do not put any newly introduced food for freezing near to already existing food.
• Please observe maximum storage times and expiry dates of frozen goods.
• Fill the water tank, ice tray, water cubes only with potable water.
• Use only the ice-maker provided with the refrigerator.
• The water supply to this refrigerator must only be installed/ connected by a suitably qualified person and connected to a potable water supply only.
• In order to operate the ice-maker properly, water pressure of 138~862kpa(1.4~8.8kgf/cm^3) is required.
• Do not spray volatile material such as insecticide onto the surface of the appliance.
- As well as being harmful to humans, it may also result in an electric shock, fire or problems with the product.

CAUTION CAUTION SIGNS FOR CLEANING AND MAINTENANCE

• Do not directly spray water inside or outside the refrigerator.
- There is a risk of fire or electric shock.
• Do not use or place any substances sensitive to temperature such as inflammable sprays, inflammable objects, dry ice, medicine, or chemicals near the refrigerator. Do not keep volatile or inflammable objects or substances (benzene, thinner, propane gas, etc.) in the refrigerator.
- This refrigerator is for storing food only.
- This may result in a fire or an explosion.
• Do not spray cleaning products directly on the display.
- Printed letters on the display may come off.
• Remove any foreign matter or dust from the power plug pins. But do not use a wet or damp cloth when cleaning the plug, remove any foreign material or dust from the power plug pins.
- Otherwise there is a risk of fire or electric shock.
• Never put fingers or other objects into the dispenser hole and ice chute.
- It may cause a personal injury or material damage.

• Unplug the refrigerator before cleaning and performing maintenance.

CAUTION SEVERE WARNING SIGNS FOR DISPOSAL

• Ensure that none of the pipes on the back of the appliance are damaged prior to disposal.
• R600a or R134a is used as a refrigerant. Check the compressor label on the rear of the appliance or the rating label inside the refrigerator to see which refrigerant is used for your refrigerator. When this product contains flammable gas (Refrigerant R600a), contact your local authority in regard to safe disposal of this product. Cyclopentane is used as an insulation blowing gas. The gases in insulation material require special disposal procedure. Please contact your local authorities in regard to the environmentally safe disposal of this product. Ensure that none of the pipes on the back of the appliances are damaged prior to disposal. The pipes shall be broken in the open space.
• When disposing of this product or other refrigerators, remove the door/door seals, door latch so that small children or animals cannot become trapped inside. Leave the shelves in place so that children may not easily climb inside. Children should be supervised to ensure that they do not play with the old appliance.
• Please dispose of the packaging material for this product in an environmentally friendly manner.
• Contains fluorinated greenhouse gases covered by the Kyoto Protocol. Foam blown with fluorinated greenhouse gases.

ADDITIONAL TIPS FOR PROPER USAGE

• In the event of a power failure, call the local office of your Electricity Company and ask how long it is going to last.
- Most power failures that are corrected within an hour or two will not affect your refrigerator temperatures. However, you should minimize the number of door openin gs while the power is off.
- Should the power failure last more than 24 hours, remove all frozen food.
• If keys are provided with the refrigerator, the keys should be kept out of the reach of children and not be in the vicinity of the appliance.
• The appliance might not operate consistently (possibility of temperature becoming too warm in the refrigerator) when sited for an extended period of time below the cold end of the range of temperature for which the refrigerating appliance is designed.
• Do not store food which spoils easily at low temperature, such as bananas, melons.

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- Your appliance is frost free, which means there is no need to manually defrost your appliance, as this will be carried out automatically.
- Temperature rise during defrosting can comply with ISO requirements. But if you want to prevent an undue rise in the temperature of the frozen food while defrosting the appliance, please wrap the frozen food up in several layers of newspaper.
- Any increase in temperature of frozen food during defrosting can shorten its storage life.

Saving Energy Tips

- Install the appliance in a cool, dry room with adequate ventilation. Ensure that it is not exposed to direct sunlight and never put it near a direct source of heat (radiator, for example).
- Never block any vents or grilles on the appliance.
- Allow warm food to cool down before placing it in the appliance.
- Put frozen food in the refrigerator to thaw. You can then use the low temperatures of the frozen products to cool food in the refrigerator.
- Do not keep the door of the appliance open for too long when putting food in or taking food out. The shorter time for which the door is open, the less ice will form in the freezer.
- Clean the rear of the refrigerator regularly. Dust increases energy consumption.
- Do not set temperature colder than necessary.
- Ensure sufficient air exhaust at the refrigerator base and at the back wall of the refrigerator. Do not cover air vent openings.
- Allow clearance to the right, left, back and top when installing. This will help reduce power consumption and keep your energy bills lower.

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Setting up your French Door Refrigerator

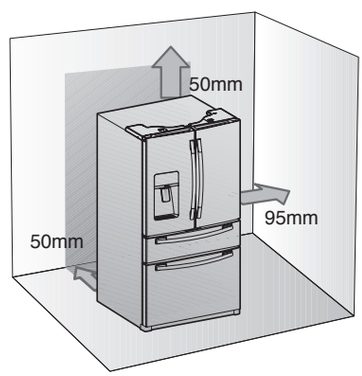
GETTING READY TO INSTALL THE REFRIGERATOR

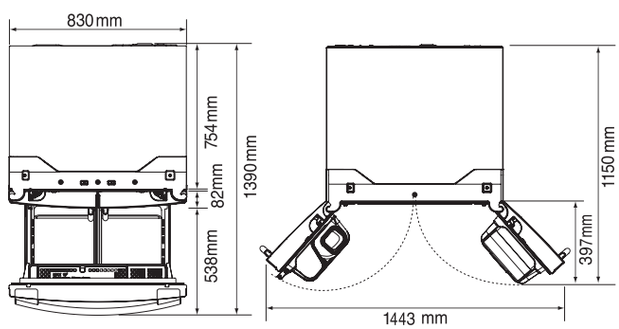
Congratulations on your purchase of this Samsung French Door Refrigerator.

We hope you enjoy the state-of-art features and efficiencies that this new appliance offers.

Selecting the best location for the refrigerator

- A location with easy access to a water supply.
- A location without direct exposure to sunlight.
- A location with a leveled floor.
- A location with enough space for the refrigerator doors to open easily.
- Allow sufficient space to the right, left, back and top for air circulation.
  If the Refrigerator does not have enough space, the internal cooling system may not work properly.
- Please ensure that appliance can be moved freely in the event of maintenance & service.





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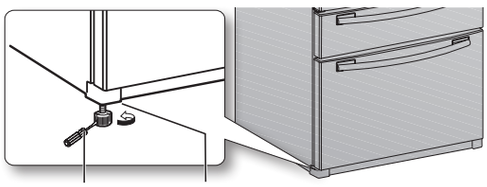
• Do not locate the refrigerator where it may become wet.

When moving your refrigerator

CAUTION To prevent floor damage, be sure the front adjusting legs are in the up position (above the floor).

Refer to 'Adjusting the doors' in the manual (on page 9).

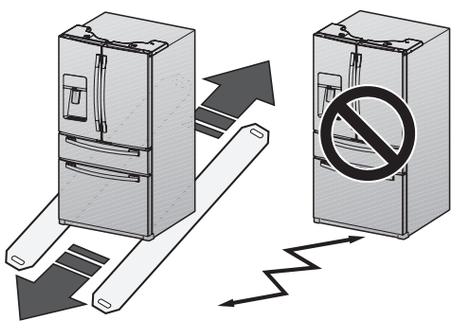


Flat-blade screw driver(-) Control Lever

FLOORING

For proper installation, you must place this refrigerator on a level, hard surface that is the same height as the rest of the floor. This surface should be strong enough to support a fully loaded refrigerator, or approximately 359lbs (165kg). To protect the finish of the flooring, cut a large section of the cardboard carton and place it under the refrigerator where you are working.

When moving the refrigerator, you need to pull and push it straight forwards or back. Do not wiggle it from side to side.



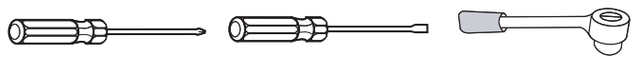
ACCESSORIES AND REQUIRED TOOLS

The following accessories are included with your refigerator:

Hex wrench Fastener Compression fitting Compression nut

Required Tools (Not provided)

You need the following tools to complete the installation of your refirgerator:



Philips screw-driver (+) Flat-blade screw-driver (-) Socket wrench (10mm)

Pliers Allen wrench (3/16") (5mm)

REMOVING THE REFRIGERATOR DOORS

For some installations you need to remove the fridge and flex doors and the freezer drawer so you can move the refrigerator to its final location. Do not remove the doors/drawer if you don't need to. If you do not need to remove the doors/drawer, go to Adjusting the Level on page 8. If you need to remove the doors/drawer, continue below.

Before removing the door/drawer, make sure you read the following items:

WARNING Disconnect power to the refrigerator before removing the door or drawer.

- Be careful not to drop, damage or scratch the door/drawer while removing them.
- Be careful not to get injured while removing the door/drawer.
- Reattach the door/drawer properly to avoid:
  - Moisture from air leakage.
  - Uneven door alignment.
  - Wasting energy due to improper door seal.

Disassemble the refrigerator doors

WARNING Be careful not to drop and scratch the doors while removing the doors.

1. With the door opened, remove the cap top table (**1**) with a flat-blade screwdriver(-). and close the door. Remove 2 screws holding down the cover hinge (**2**) and turn it with several wires connected.

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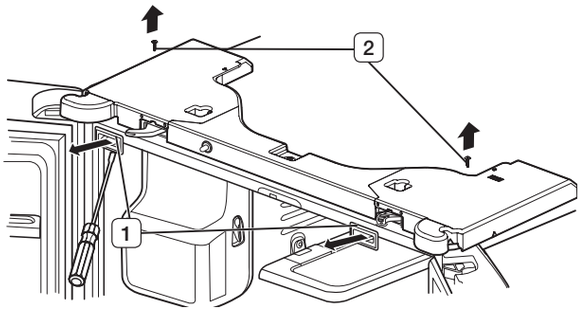
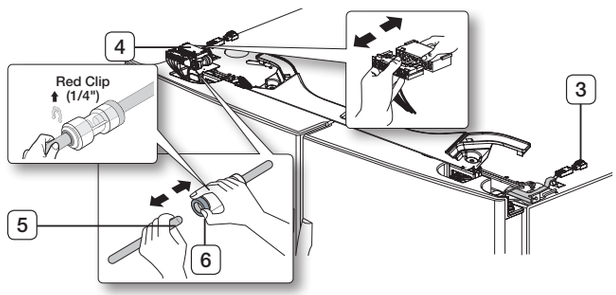
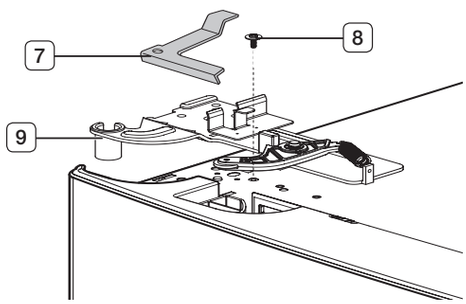


2. Disconnect one connector (**3**) on the right side door and one connector (**4**) on left side door. To remove the water coupler from the hinge, twist and pull it from the hinge. Remove the water line (**5**) while pressing the marked part (**6**) of the water line coupler.

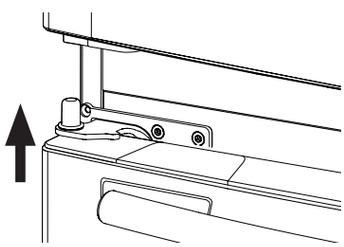
CAUTION If a red clip is on the coupler, it must be removed before removing the tube.



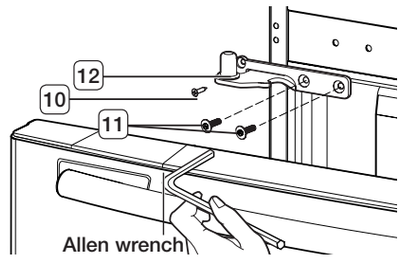
3. Pull and remove the hinge lever (**7**) . Remove the ground screw (**8**) attached to the upper left and right door hinges with a philips screwdriver (+). Remove the upper left and right door hinges (**9**).



4. Lift the door straight up to remove.



5. Remove the screw (**10**) attached to the lower left and right door hinges with a philips screwdriver (+). Remove the 2 hex head bolts (**11**) attached to the lower left and right door hinges with an allen wrench (3/16"). Remove the lower left and right door hinges (**12**).

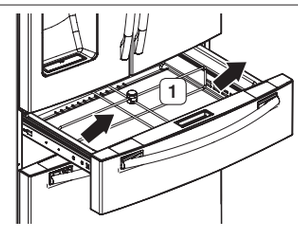


REATTACHING THE REFRIGERATOR DOORS

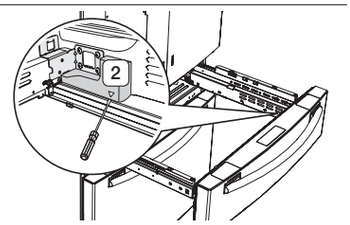
To reattach the fridge doors after you have moved the fridge to its final location, assemble parts in reverse order.

DISASSEMBLE THE FLEX DOOR

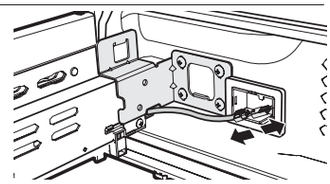
1. Take out the Flex Zone **(1)** by lifting it up.



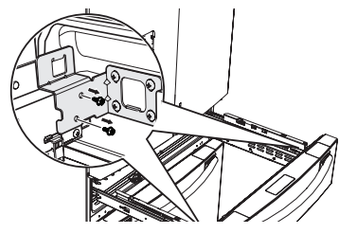
2. Take off the cover **(2)** w/harness with a flat-blade screwdriver (-).



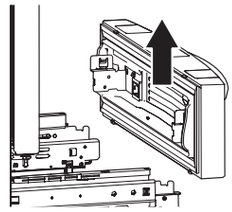
3. Disconnect the housing connector.



4. Remove 2 hex head bolts from sides with a socket wrench (10mm).



5. Lift up the Flex door from the rails.



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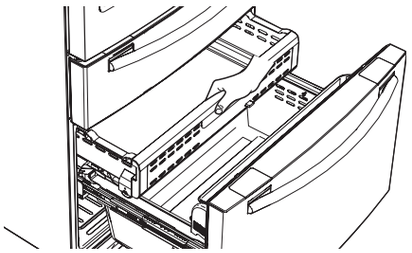
ASSEMBLE THE FLEX DOOR

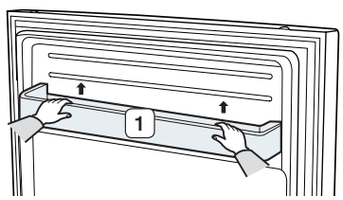
To reattach the flex doors after you have moved the fridge to its final location, assemble parts in reverse order.

DISASSEMBLE THE FREEZER DRAWER

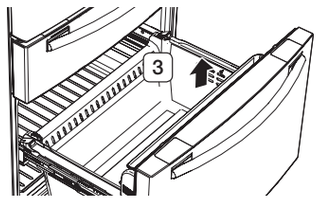
1. Take out the upper drawer by lifting it up.



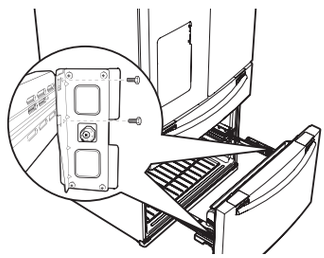
2. Remove the freeze room guard (**1**) by lifting the guard up.



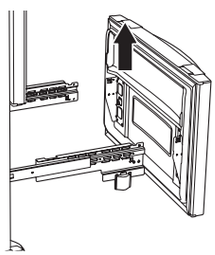
3. Take out the lower basket (**3**) by lifting the basket up from the rail system.



4. Remove 4 hex head bolts from both sides with a socket wrench (10mm).



5. Lift up the freezer door from the rails.



ASSEMBLE THE FREEZER DRAWER

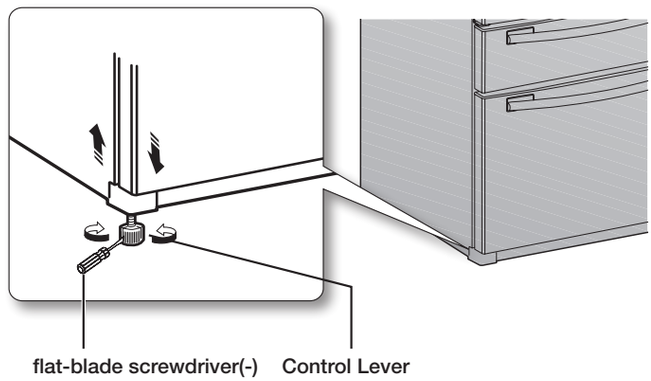
To reattach the drawer after you have moved the fridge to its final location, assemble parts in reverse order.

ADJUSTING THE LEVEL

Make sure the refrigerator is level so that you can make final adjustments. Use a level to test if the refigerator is level both side to side and back to front. If the refrigerator is not level, it will not be possible to get the doors perfectly even, which may cause moisture condensation and increased energy bills. Below is an example of how to level the refrigerator if the left side of the refrigerator is lower than the right side.

How to adjust the level

Insert a flat-blade screwdriver (-) into a notch on the left control lever, and turn it count clockwise to level the refrigerator. (You turn the lever clockwise to lower the refrigerator and counterclockwise to raise it.)



CAUTION Both control levers must be touching the floor to avoid possible personal injury or property damage because of tipping.

If the right side is lower, perform the same procedure, but with the right control lever.

It is difficult to remove the cover leg front from the refrigerator, so we do not recommend making small adjustments wlth the control lever. Instead, refer to the next page for the best way to make minor adjustments to the doors.

MAKING MINOR ADJUSTMENTS BETWEEN DOORS

Remember, a leveled refrigerator is necessary for getting the doors perfectly even. If you need help, review the previous section on leveling the refrigerator.

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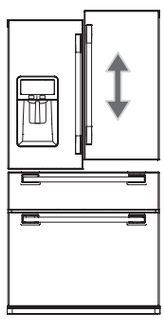
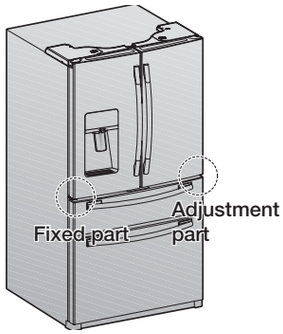
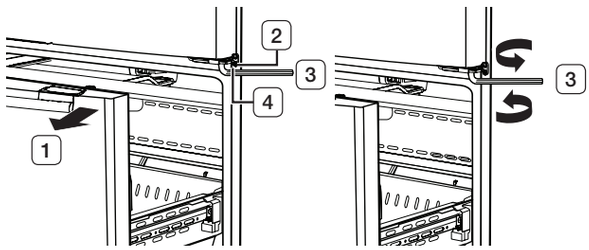




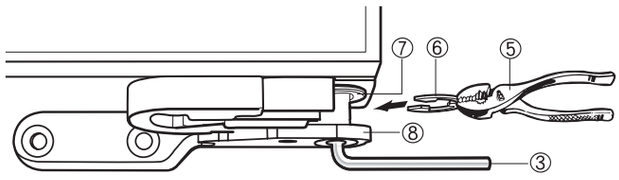
The left door is fixed. To make minor adjustments between doors, adjust only the right door.

1. Pull out the Convertible door (**1**) to expose the lower hinge (**2**).
2. Insert the supplied allen wrench (3/16") (**3**) into the shaft (**4**) of the lower hinge.
3. Please adjust the height by turning the hex wrench (**3**) clockwise (DOWN) or counter-clockwise (UP).

When you turn the hex wrench counter-clockwise (), the door will move up.

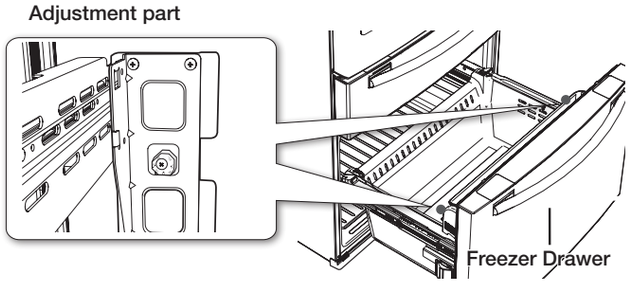


1. After adjusting the doors, insert the supplied fastener (**6**) using a pliers (**5**) in the gap between the hinge-grommet (**7**) and the lower hinge (**8**). The number of fasteners you'll need to insert depends on the gap.

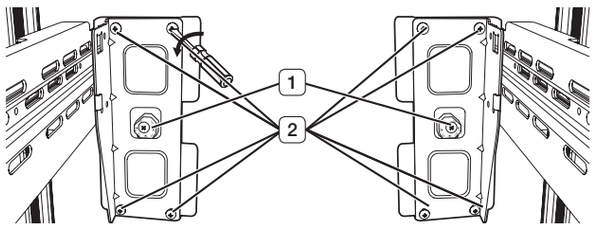


2 fastener are enclosed with the refrigerator. The thickness of each fastener is 0.04".

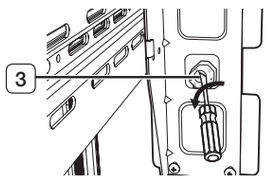
ADJUSTING THE FREEZER DRAWER LEVEL



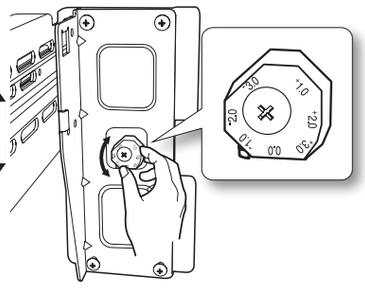
1. Locate the height-adjuster (**1**) in the freezer drawer.
   Unscrew the 8 Phillips screws (**2**) slightly to loosen the door.



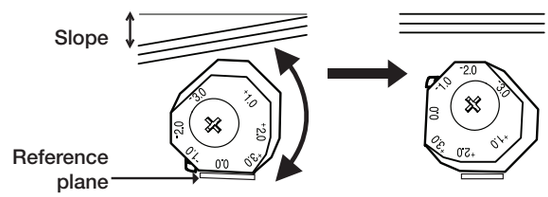
2. Loosen the controller screw (**3**) with a Phillips screwdriver (+).



3. Find the best level to align the door slope.
   - After adjustment, tighten the controller screw (**3**) and then philips screws.



Example) The slope is about 0.08inch (2mm) as shown below.
- Rotate the height adjuster to -2.0 to reduce the door slope.



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CHECKING THE WATER

A water dispenser with a filter is one of the helpful features on your new refrigerator. To help promote better health, the water filter removes unwanted particles from your water. However, it does not sterilize or destroy microorganisms. You may need to purchase a water purifying system to do that.
In order for the ice maker to operate properly, a water pressure of 138~862Kpa is required.
Under normal conditions, a 170 cc (5.75 oz.) cup can be filled in about 10 seconds.

If the refrigerator is installed in an area with low water pressure (below 138Kpa), you can install a booster pump to compensate for the low pressure.

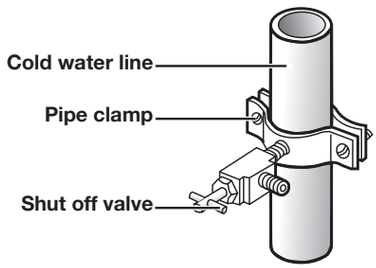
After you have connected the water line, make sure the water storage tank inside the refrigerator is properly filled. To do this, press the water dispenser lever until the water runs from the water outlet.

Water line installation kits are available at extra cost from your dealer. We recommend using a water line installation kit that contains copper tubing.

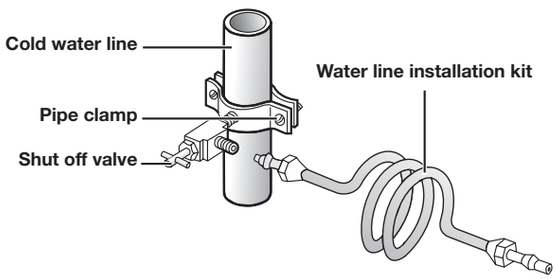
Connecting to the water supply line

1. First, shut off the main water supply.

2. Locate the nearest cold water drinking line and install the pipe clamp and shut off valve.



3. Connect the water line installation kit to the shut off valve.

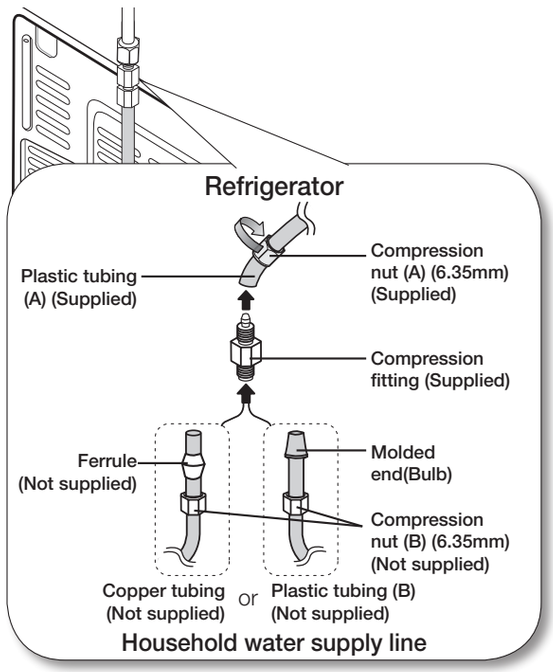


INSTALLING THE WATER LINE

Connecting the water supply line to the refrigerator.

There are several items that you need to purchase to complete this connection.
You may find these items sold as a kit at your local hardware store.

• 6.35mm compression nut	• copper tubing
• plastic tubing	• ferrule



1. Slip the compression nut (**A**) through the supplied plastic tubing (**A**).
2. Tighten the compression nut (**A**) onto the 6.35mm compression fitting.
- If you are using copper tubing, slip the compression nut (**B**) (not supplied) and ferrule (not supplied) on the copper tubing (not supplied) as shown.
- If you are using plastic tubing (**B**) , insert the molded end (Bulb) of the plastic tubing (**B**) into the compression fitting.

CAUTION Do not use without the molded end (Bulb) of the plastic tubing (**B**).

3. Tighten the compression nut (**B**) onto the compression fitting.
Do not over-tighten the compression nut (**B**) .

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4. Turn water on and check for any leakage. If you find water drops or leakage in the connection areas, turn off the main water supply. Check the connections and, if nescessary, tighten.

Only connect the water line to a drinkable water source.
If you have to repair or disassemble the water line, cut off 6.35mm of the plastic tubing to make sure you get a snug, leak-free connection.

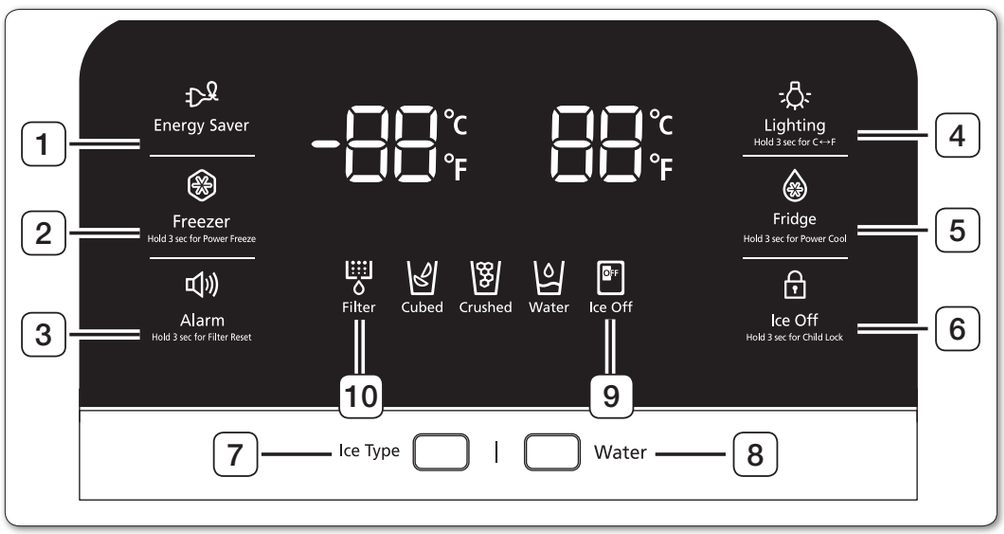
COMPLETING THE SET UP

Now that you have your new refrigerator installed in place, you are ready to set up and enjoy the features and functions of the appliance. By completing the following steps, your refrigerator should be fully operational.

1. Make sure your refrigerator is in an appropriate location with reasonable clearance between it and the wall. Refer to installation instructions in this manual.
2. Once the refrigerator is plugged in, make sure the interior light comes on when you open the doors.
3. Set the Temperature control to the coldest temperature and wait for an hour. The freezer will get slightly chilled and the motor will run smoothly. Reset the refrigerator and freezer to the temperatures you want.
4. After you plug the refrigerator in, it will take a few hours to reach the appropriate temperature. You can store food and drinks in the refrigerator after the temperature is sufficiently cool.

Operating your French Door Refrigerator

USING THE CONTROL PANEL



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(1) Energy Saver

Touching this button turns Energy Saver mode on and off. When you turn Energy Saver on, the Energy Saver icon lights.Turn Energy Saver off and the icon goes off.
The Energy Saver function automatically turns on when power is supplied to the refrigerator.
If condensation or water drops appear on the doors, turn the Energy Saver mode off.

(2) Freezer (Hold 3 sec for Power Freeze)

Touch this button to set the Freezer to your desired temperature.
You can set the temperature between -22°C and -14°C.
Touch and hold this button for 3 seconds to decrease the time needed to freeze products in the Freezer. It can be helpful if you need to quickly freeze easily spoiled items or if the temperature in the Freezer has warmed dramatically (For example, if the door was left open).
When you use Power Freeze function the energy consumption of the refrigerator will increase.
Remember to turn it off when you don't need it and return the freezer to your original temperature setting.
If you need to freeze large amount of food stuff, set the temperature of freezer compartment as the coldest temperature before you turn on the Power Freeze Button.

(3) Alarm / Hold 3 sec for Filter Reset

This button serves two purposes:

1) To turn the door open alarm on and off

If the door alarm is set to On, an alarm beeps if any refrigerator door is left open for more than three minutes.
The beeping stops when you close the door. The door alarm function is pre-set to On in the factory. You can turn it off by touching and then releasing this button. You can turn it back on in the same fashion. The icon lights up when the function is on.

2) To reset the water filter life indicator.

After you replace the water filter, touch and hold this button to reset the water filter life indicator.

(4) Lighting/ Hold 3 sec for C↔F

Touching this button turns on the Dispenser LED lamp (under the display) in continuous mode so that it stays on continuously.
The button also lights up. If you want the Dispenser lamp to come on only when some one uses the dispenser, press the Lighting button to turn the continuous mode off.
Touch and hold this button for 3 seconds to switch the temperature units between °C and °F

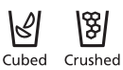
(5) Fridge (Hold 3 sec for Power Cool)

Touch this button to set the fridge to your desired temperature.
You can set the temperature between 7°C and 1°C.
Touch and hold this button for 3 seconds to decrease the time needed to cool products in the Refrigerator. It can be helpful if you need to quickly cool easily spoiled items or if the temperature in the fridge has warmed dramatically
(For example, if the door was left open).

(6) Ice Off (Hold 3 sec for child lock)

If you don't want to make more ice, touch this button. Also, pressing this button for 3 seconds locks the display panel and dispenser buttons so the buttons can not be used.The Child Lock icon lights up to indicate you've activated the Child Lock function. Press 3 seconds to unlock.

(7) Ice Type



Touch this button to select your desired ice type. Cubed and crushed ice modes alternate when you press the button. This mode can not be used with the Water mode simultaneously.

(8) Water

Touch this button to dispense water. This mode can not be used with the Ice Type mode simultaneously.
Water mode will be off if you Touch the Ice Type button.

Cooling Off Mode

Cooling Off mode (also called Shop mode), is designed for use by retailers when they are displaying refrigerators on the shop floor. In Cooling Off mode, the refrigerator's fan motor and lights work normally, but the compressors do not run, and the refrigerator and freezer do not get cold.
To start Cooling Off mode, touch and hold the Energy Saver button and the Power Freeze button for 5 seconds during normal operation. The refrigerator chime sounds and the temperature display flashes OF OF.
To cancel Cooling Off mode, touch and hold the Energy Saver and the Power Freeze buttons again for 5 seconds.

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(9) Ice Off

If you don't want to make more ice, touch this button.
The icon will light up and the Ice-Maker stops making ice.

We recommend you stop ice making if the following occur:
- **There is enough ice in the ice bucket.**
- **You want to save water and energy.**
- **Water is not being supplied to the refrigerator.**

If the ice maker function is ON, and the water Line is not connected, there will be a water valve noise from the back of the unit, press the Ice Off (Hold 3sec for child lock) button for less than 3 seconds until the Indicator ( ) illuminates.

If you do not touch any button, the freezer and fridge temperature indicator turn off in a few seconds.
If you touch any button, the display lights up again.

(10) Filter

Water filter usage

This icon will light up when you need to change the filter.
After you use about 1135 liters of water, the filter indicator lights up. (about 6 months).
After you install the new water filter, reset the filter indicator by touching the Alarm/hold 3 sec for Filter Reset button.

- **If water is not dispensing or dispensing slowly, you need to replace the water filter because the water filter is clogged.**
- **Some areas have large amounts of lime in their water, which causes the water filter to clog more quickly.**

CHANGING THE WATER FILTER

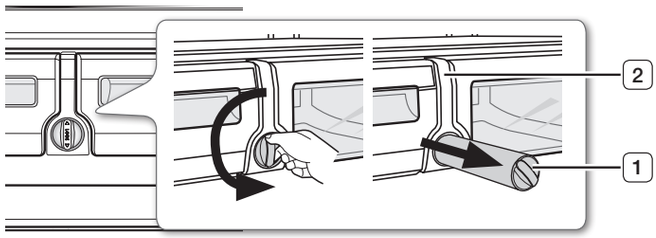
WARNING To reduce risk of water damage to your property, DO NOT use generic brands of water filters in your SAMSUNG Refrigerator.

USE ONLY SAMSUNG BRAND WATER FILTER.
SAMSUNG will not be legally responsible for any damage, including, but not limited to property damage caused by water leakage from use of a generic water filter. SAMSUNG Refrigerators are designed to work ONLY WITH SAMSUNG Water Filter.
The Filter light turns red to let you know when it is time to change your water filter cartridge.
To give you time to get a new filter, the red light comes on just before the capacity of the current filter runs out.

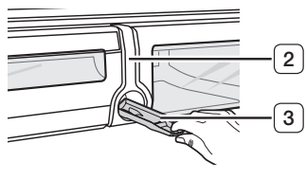
(Red)

Changing the filter on time provides you with the freshest, cleanest water from your refrigerator.

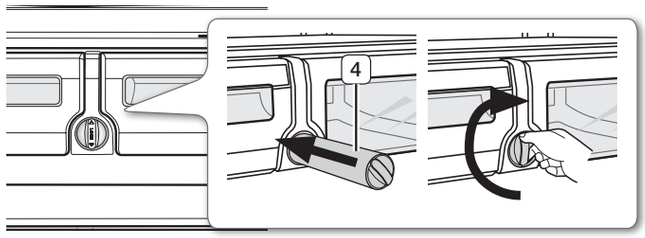
1. Shut off the water supply. Then, turn the water filter (**1**) about 1/4 turn, counter-clockwise.
2. Pull the water filter (**1**) from the case filter (**2**).



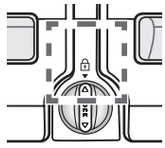
- To change the water filter more easily, shut off the water supply valve.
- Sometimes, it is hard to disassemble the water filter because impurities in the water cause it to stick. If you are having difficulties, grip the water filter firmly and pull it hard.
- When you pull the water filter, a little water can leak from the opening. This is normal. To minimize the water leaks, keep the filter cartridge horizontal when you pull it.
- To prevent overflow, empty the water filter tray (**3**) and dry around the filter case (**2**).



3. Insert the new filter into the filter case (**4**).
4. Push the filter, and then turn it clockwise until it locks.



- If you have trouble inserting the water filter because of high water pressure, shut off the water supply valve.
- The locked symbol should be lined up with the indicator line.



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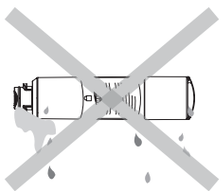
5. Touch the "**Alarm/hold 3 sec for Filter Reset**" button ((Filter Reset)) for about 3 seconds to reset the water filter. The color of indicator ( ) changes from red to indicator OFF.
6. If you turned off the water supply, turn it back on.

For a replacement water filter, you can visit your local home Improvement center or contact the Samsung Parts distributor.
Be sure the replacement water filter has the SAMSUNG logo on the box and on the water filter.
Link : http://www.samsungparts.com

Removing any residual matter inside the water supply line after installing the water filter.

1. Turn ON the main water supply and supply water from water supply line.
2. Run water through the dispenser until the water runs clear (approx. 6 to 7 minutes). This will clean the water supply system and remove air from the lines.
3. Additional flushing may be required in some households.
4. Open the Refrigerator door and make sure there are no water leaks coming from the water filter.



Be sure to flush the dispenser thoroughly, otherwise water may drip from the dispenser. This means that there is still air in the line.

Reverse Osmosis Water Supply

IMPORTANT : The pressure of the water supply coming out of a reverse osmosis system going to the water inlet valve of the refrigerator needs to be between 35 and 120 psi (241 and 827 kPa).
If a reverse osmosis water filtration system is connected to your cold water supply, the water pressure to the reverse osmosis system needs to be a minimum of 40 to 60 psi (276 to 414 kPa.)
If the water pressure to the reverse osmosis system is less than 40 to 60 psi (276 to 414 kPa):

- Check to see whether the sediment filter in the reverse osmosis system is blocked. Replace the filter if necessary.
- Allow the storage tank on the reverse osmosis system to refill after heavy usage.
- If your refrigerator has a water filter, it may further reduce the water pressure when used in conjunction with a reverse osmosis system. Remove the water filter.

If you have questions about your water pressure, call a licensed, qualified plumber.

CONTROLLING THE TEMPERATURE

Basic temperature of Freezer and Refrigerator Compartments

The basic temperature and recommended temperatures of the Freezer and Refrigerator Compartments are -19°C and 3°C respectively.
If the temperature of Freezer and Refrigerator Compartments are too high or low, adjust the temperature manually.

Controlling the Freezer temperature

The Freezer temperature can be set between -22°C and -14°C to suit your particular needs. Press the Freezer button repeatedly until the desired temperature is shown in the temperature display. The temperature will change by 1°C with each press. See below.
-19°C → -20°C → -21°C → -22°C → -14°C → -15°C → -16°C → -17°C → -18°C → -19°C.
Keep in mind that foods like ice cream may melt at 0°C . The temperature display will move sequentially from -22°C to -14°C.

Controlling the fridge temperature

The fridge temperature can be set between 7°C and 1°C to suit your particular needs. Press the Fridge button repeatedly until the desired temperature is shown in the temperature display. The temperature will change by 1°C with each press. See below.
3°C → 2°C → 1°C → 7°C → 6°C → 5°C → 4°C → 3°C.
The temperature control process for the Fridge works just like the Freezer process. Press the Fridge button to set your desired temperature.
After a few seconds, the Fridge will begin adjusting towards the newly set temperature. This will be reflected in the digital display.

- The temperature of the Freezer, Fridge or Flex Zone may rise when you open the doors too frequently, or if a large amount of warm or hot food is placed inside.

- This may cause the digital display to blink. Once the Freezer and Fridge temperature return to their normal set temperatures, the blinking will stop.
- If the blinking continues, you may need to “reset” the Refrigerator. Try unplugging the appliance, wait for around 10 minutes and then plug the power cord back in.
- If there is a communication error between the Display and Main Controller, the Convertible Display light may blink. If the blinking continues for a long period of time, please contact a Samsung Electronics Service Center.

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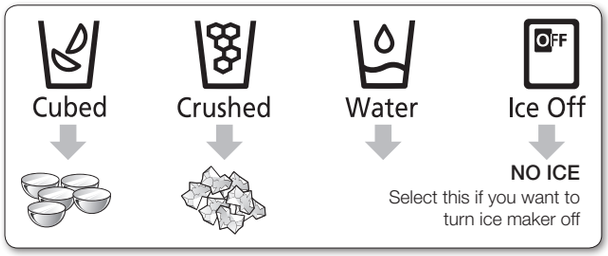
USING THE COLD WATER DISPENSER

Push the appropriate ice type button to select what you want dispensed.



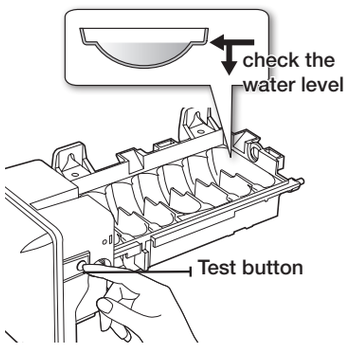
Using the ice Dispenser

Place a glass underneath the ice dispenser and push gently against the dispenser lever with your glass.

Make sure the glass is in line with the dispenser to prevent the ice from bouncing out.

CAUTION

- Please wait 2 seconds before removing the glass under the dispenser to prevent spills.
- If the Refrigerator door opens, the Dispenser does not work.
- When Cubed Ice is selected after using the Crushed Ice feature, a small amount of residual crushed ice might be produced.
- After Water Dispenser Installation, press the dispenser arm for at least 2 minutes to remove trapped air from the water line and to fill the water system.
- Do not pull the lever out. You could damage or break the lever's spring.
- To clean the ice bin/bucket, wash with a mild detergent, rinse well, and dry thoroughly it. Do not use harsh or abrasive cleaners or solvents.



CAUTION

- If ice doesn't come out, pull out the ice bucket and press the test button located on the right side of ice maker.
- Do not press the test button continuously when the tray is filled with ice or water. Water may overflow or ice may jam the bucket.

- Normal Use

  To fill the ice bucket to maximum capacity after installation, follow these steps:

  1. Allow your refrigerator to operate and cool down for 24 hours (or 1 full day).
     - Waiting 24 hours will allow your ice maker to cool properly.
  2. Dispense 4 to 6 ice cubes into the glass.
  3. After 8, and then 16 hours, dispense a full glass of ice.

- When you press the Test button, you will hear the refrigerator chime (ding-dong). When the chime sounds, release the Test button.
- The chime sounds automatically again to let you know the ice maker is working well.

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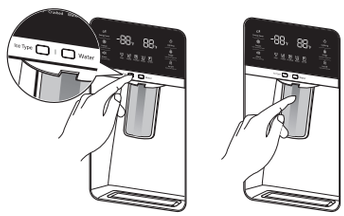
CAUTION If a power failure occurs, ice cubes may melt then freeze together when the power comes back on, causing the dispenser to be out of order.

To prevent this problem, after a power failure, pull out the ice bucket and discard the residual ice or water.

CAUTION After you dump the ice from the ice bucket, you should press the dispenser lever once with the 'ICE CUBED' or 'CRUSHED' function ON.

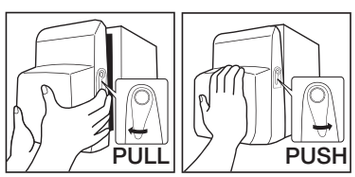


The ice maker will make new ice faster after you return the ice bucket to the freezer.

If you use all the ice at once, you must repeat Steps 2 and 3 on the previous page. However, only wait 8 hours before dispensing the first 4 to 6 ice cubes. This will replenish the ice cubes and ensure maximum ice production.

Using the ice off Function

When you select the Ice Off mode, remove all ice cubes from the bucket. If you are not using the ice dispenser, the ice cubes may clump together. Pull the lock lever forward to remove the bucket. Throw away the ice cubes or clumped ice. Push the bucket back until you hear a click.



CAUTION Use only the ice maker provided with the refrigerator. The water supply to this refrigerator must only be installed/connected by a suitably qualified person. Connect to a potable water supply only.

To operate the ice maker properly, water pressure of 138 ~ 862Kpa is required.

If you have a long vacation or business trip and won't use the water or ice dispensers for a long time:

- Close the water valve. Otherwise, water leakage may occur.
- Remove all food.
- Unplug the refrigerator.
- Wipe excess moisture from inside and leave the doors open. Otherwise, odor and mold may develop.

Do not put your fingers, hands or any other unsuitable objects in the chute or ice-maker bucket.

- It may result in personal injury or material damage.

Never put your finger or any other objects in the dispenser opening.

- It may cause injury.

Do not try to disassemble the ice maker.

Do not wash or spray the ice bucket with water while it is in the refrigerator. Remove it to clean it.

CAUTION When you insert the Ice maker tray, be sure that the tray is well centered at the entrance. Otherwise, the tray may be stuck.

Water clouding phenomenon

All water provided to the refrigerator flows through the core filter which is an alkaline water filter. In the filtering process, the pressure of the water that has flowed out of the filter is increased, and the water becomes saturated with oxygen and nitrogen. When this water flows out into the air, the pressure plummets and the oxygen and nitrogen get supersaturated, which results in gas bubbles. The water may temporarily look misty or cloudy due to these oxygen bubbles. After a few seconds, the water will look clear.

Please wait 1 second before removing the cup after dispensing water to prevent spills. Do not pull out the lever dispenser after dispensing ice or water. It comes back automatically. Ice is made in cubes. When you select "Crushed", the ice maker grinds the ice cubes into crushed ice.

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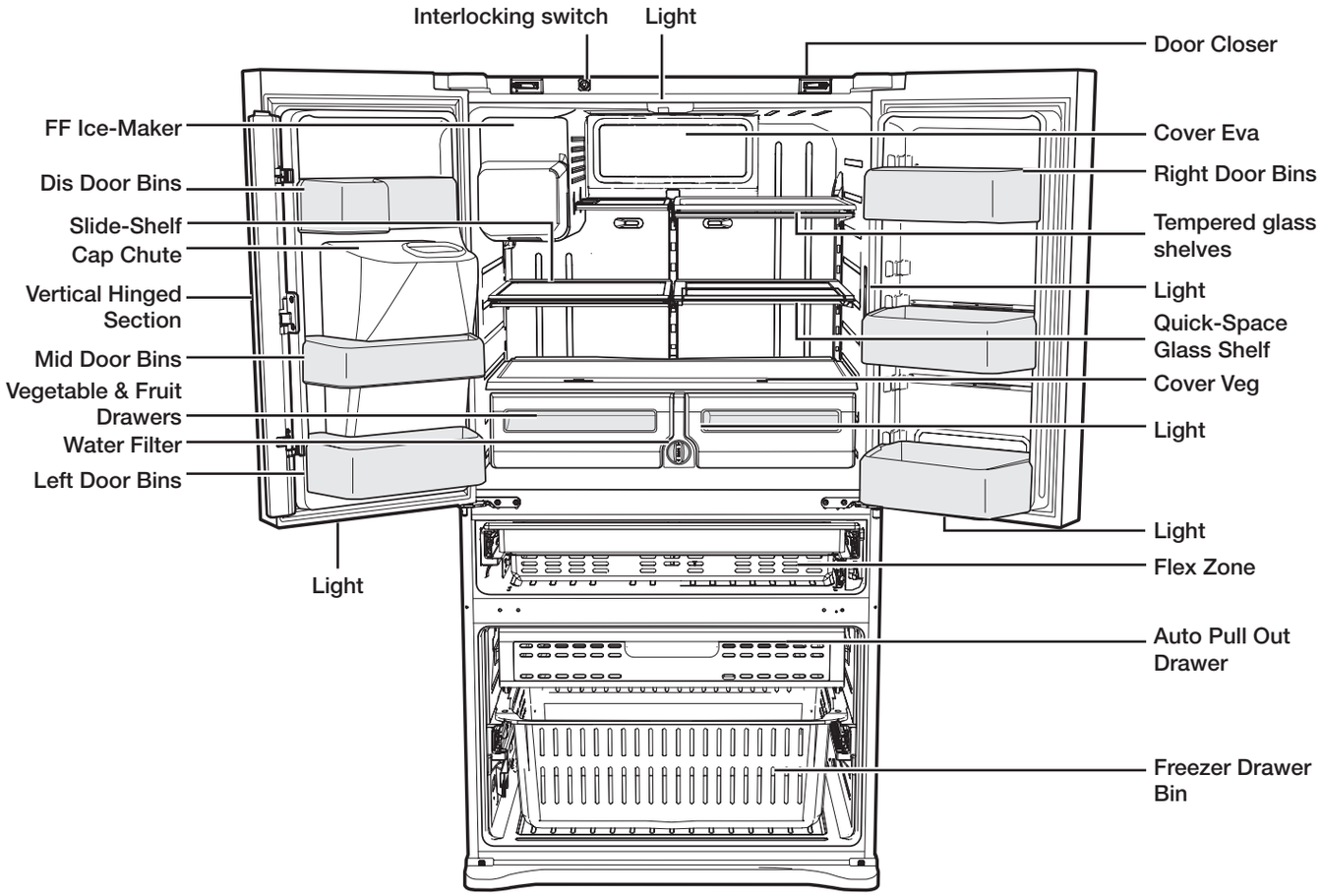
PARTS AND FEATURES

Use this page to become more familiar with the parts and features of the refrigerator.



When closing the door, make sure the Vertical Hinged Section is in the correct position to avoid scratching the other door.
If the Vertical Hinged Section is reversed, put it back to the right position and close the door.
Moisture may appear at times on the Vertical Hinged Section.
The door handle may become loose over time. If this happens, tighten the bolts found on the inside of the door.
If you close one door with a lot of force, the other door may open.

When the door opens, the interlock switch automatically turns off the auger motor in the ice maker for safety reasons.

When the interior or exterior LED lamp has gone out, please contact your service agents.

To get the best energy efficiency of this product, please leave all selves, drawers and baskets on their original position like as above illustration.

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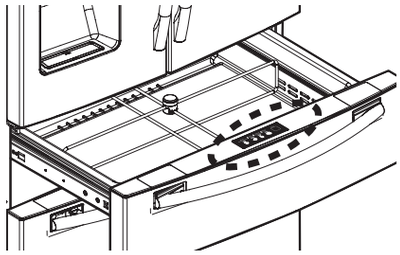
USING FLEX ZONE



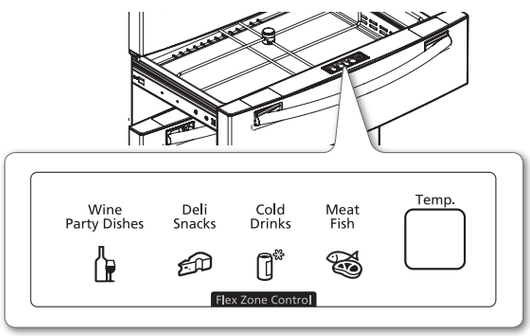
The Flex Zone is a full-width drawer with an adjustable temperature control. You can use the Flex Zone for large party trays, deli items, wines, pizzas, beverages, or miscellaneous items. There is a temperature sensor which lets you adjust the amount of cold air allowed into the Zone. The control buttons are located on the cap door center.

- Press the Temp button repeatedly until your desired mode is lit.
- Each time you press the Temp button, you change the mode in this order: Meat/Fish mode, Cold Drinks mode, Deli/Snack, Wine/Party Dishes mode. Initially, the Cold Drinks mode is selected. The refrigerator will adjust the temperature in the Flex Zone automatically to the temperature you selected.
- The Flex Zone Temp. Display may change depending on the number of items inside, where they are located, the ambient temperature, and how often the door is opened.

Selection Button

1. When "**Wine/Party Dishes**" is selected, the temperature of Flex Zone will be kept around 5°C. This feature helps keep food fresh for a long time.

2. When "**Deli/Snack**" is selected, the temperature of Flex Zone will be kept around 3°C. This feature helps keep food fresh for a longer time.



3. When "**Cold Drink**" is selected, the temperature of Flex Zone will be kept around 1°C. This feature also helps keep drinks cold and refreshing.

4. When "**Meat/Fish**" is selected, the temperature of Flex Zone will be kept around -1°C. This feature also helps keep meat or fish fresh for a longer time.

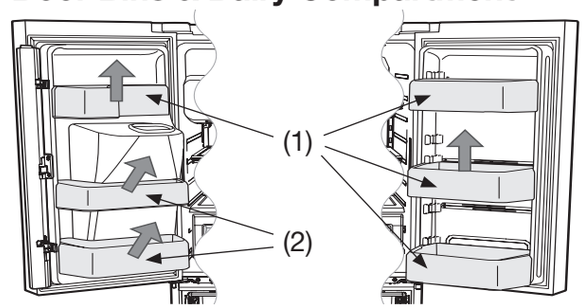
Wine Party Dishes	Deli Snacks	Cold Drinks	Meat Fish
• *wine*	• *pineapples*	• *bottled water*	• *steaks*
• *cocktails*	• *lemons*	• *juice*	• *cold cuts*
• *cakes*	• *biscuits*	• *soft drinks*	• *bacon*
• *cheeses*	• *potatoes*	• *beer*	• *chili dogs*

Fruit and vegetables may be damaged under the "Meat Fish" setting.
Do not store lettuce or other leafy produce in the Flex Zone.

CAUTION Do not store glass bottles in the Flex Zone under the "Cold Drinks" or "Meat/Fish" setting. If they are frozen, they can break and cause personal injury.

REMOVING THE REFRIGERATOR ACCESSORIES

1. Door Bins & Dairy Compartment



· Door Bins (1)
To remove - Simply lift the bin up and pull straight out.
To relocate - Slide it in above the desires location and push down until it stops.

· Door Bins (2)
To remove - Take the right side of the bin out by lifting it obliquely along the guide and then, take the left side out by pulling it from the door.
To relocate - Slide it into the original location and push down until it is sticks.

CAUTION Injury may occur if the door bins are not firmly assembled.
Do not allow children to play with bins.
Sharp corners of the bins may cause injury.

Do not adjust a bin full of food. Remove the food first.
Dust removal method - Remove the guard and wash in water.

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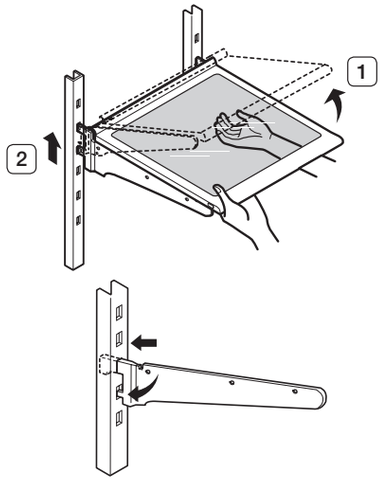
2. Tempered Glass shelves

To remove - Tilt up the front of the shelf in the direction shown (**1**) and lift it up vertically (**2**). Pull the shelf out.
To relocate - Tilt the front of the shelf up and guide the shelf hooks into the slots at a desired height. Then lower the front of the shelf so that the hooks can drop into the slots.

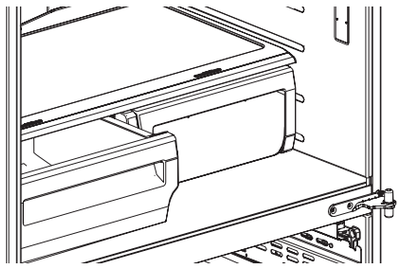
CAUTION The Tempered Glass shelves are heavy. Use special care when removing them.



3. Vegetable & Fruit Drawers

To remove - Pull the drawer out to full extension. Tilt up the front of the drawer and pull straight out.
To relocate - Insert the drawer into the frame rails and push back into place.

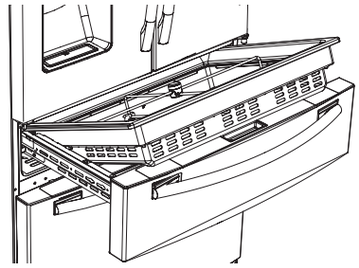
CAUTION The drawers need to be removed before the glass shelf above them can be lifted out.



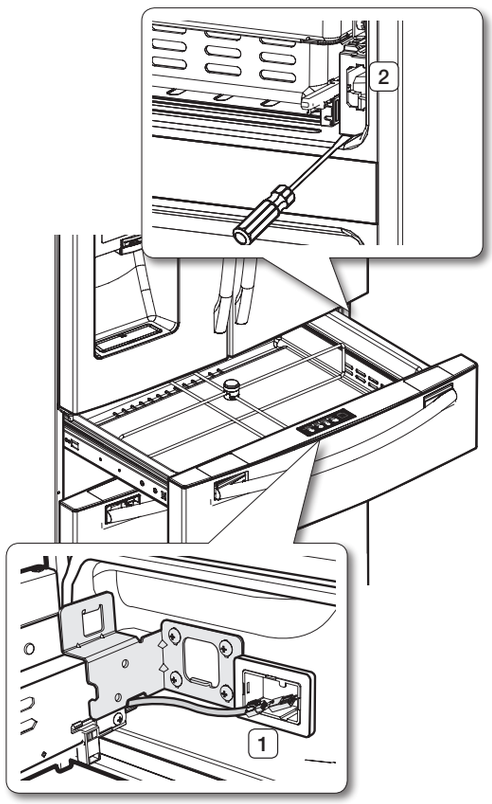
4. Flex Zone

To remove the Flex Zone – Pull the Flex door out to full extension. Lift the Flex Zone up, pulling it to your body with both hands.

To relocate the Flex Zone – Open the Flex door to full extension. Tilt the front of the Flex Zone up, place the back of the Flex Zone onto the rails, and then lower the front until the whole Zone rests on the rails.



When the Flex Zone or LED lighting are not working, check the connectors [(1), (2) shown below] for cracks or leaks.



1. Refer to page 7 for disassembly instructions.
2. Open the cover housing with a flat-blade screwdriver.

Using the doors

Ensure that the doors close all the way and are securely sealed.
When the refrigerator door is only partially open,

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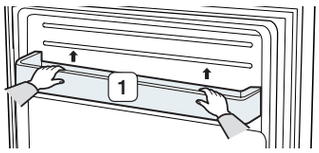
it will automatically close. But, the door will stay open when opened more than the auto close range and you must close it manually.

REMOVING THE FREEZER ACCESSORIES

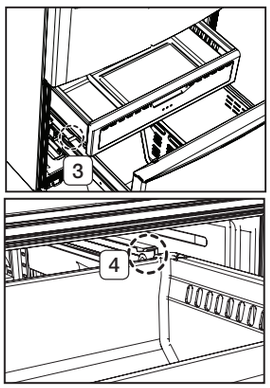
1. Freeze room Guard

To remove - Remove the freeze room guard (**1**) by lifting the guard up.
To replace - Push down until the guard (**1**) locks into place.



2. Super Extended Drawer

To remove - Pull the drawer out to full extension. Tilt up the rear of the drawer and lift straight out.
To relocate - Place the drawer onto the rails (**4**) by tilting it up. Lower the drawer into place until it is horizontal and slide the drawer (**3**) in.



3. Freezer Drawer

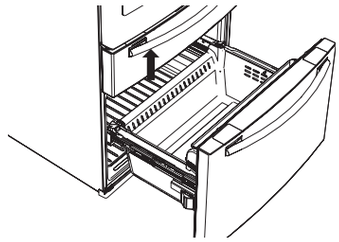
To remove the freezer drawer - Pull the freezer drawer out fully. Tilt up the rear of the bin and lift it out to remove.
To relocate the freezer drawer - Place the bin into the rail assembly.

CAUTION Do not allow babies or children go inside the freezer drawer. They could damage the refrigerator and seriously injure themselves.

Do not sit on the freezer door. The door may break.
Do not allow children to climb into the freezer drawer.

CAUTION Do not remove the divider.

WARNING
- If trapped inside, children may be injured or suffocate to death.



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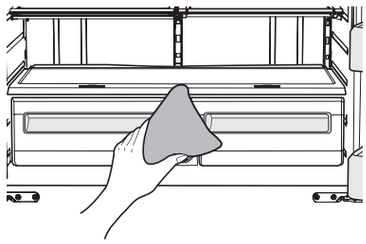
CLEANING THE REFRIGERATOR

Caring for your Samsung French Door Refrigerator prolongs the life of your appliance and helps keep the refrigerator free of odor and germs.

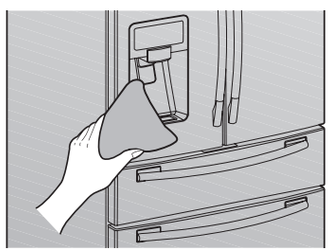
Cleaning the Interior

Clean the inside walls and accessories with a mild detergent and then wipe dry with a soft cloth. You can remove the drawers and shelves for a more thorough cleaning. Just make sure to dry drawers and shelves before putting them back into place.



Cleaning the Exterior

Wipe the control panel and digital display with a damp, clean, soft cloth. Do not spray water directly on the surface of the refrigerator. The doors, handles and cabinet surfaces should be cleaned with a mild detergent and then wiped dry with a soft cloth. To keep your appliance looking its best, polish the exterior once or twice a year.



CAUTION Do not spray water directly on the refrigerator. Use a clean, damp cloth to clean.

CAUTION Do not use benzene, thinner, or Clorox for cleaning. They may damage the surface of the appliance and may cause a fire.

CAUTION You can erase the printed letters on the display if you apply stainless cleaner directly to the area where the letters are printed.

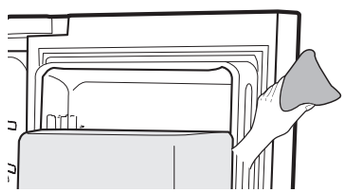
Cleaning the Ice / Water Dispenser

Push down one end of the tray dispenser and remove it. Wipe the Ice / Water Dispenser with a clean and soft cloth.

CAUTION When using the crushed ice selection from the dispenser some residual ice chips may start to collect in the ice chute. To prevent that residual ice from melting and running out of the chute you should clean out the residual ice when you see it start to collect in the ice chute.

Cleaning the Rubber door seals

If the rubber door seals are dirty, the doors may not close properly, and the refrigerator will not operate efficiently. Keep the door seals free of dust or stains by cleaning the doors with a mild detergent and damp cloth. Wipe dry with a clean, soft cloth.



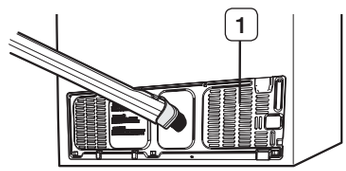
CAUTION Do not clean the refrigerator with benzene, thinner, or car detergent due to risk of fire.

Cleaning the rear side of the refrigerator

To keep cords and exposed parts free of dust and dirt accumulation.

Vacuum the rear side of the appliance once or twice a year.

CAUTION Do not remove the back cover (**1**). You could suffer an electric shock.



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TROUBLESHOOTING

PROBLEM	SOLUTION
The refrigerator does not work at all or it does not chill sufficiently.	• Check that the power plug is properly connected. • Check if the set temperature on the digital display is warmer than the freezer or fridge inner temperature. If it is, set the refrigerator colder. • Is the refrigerator in direct sunlight or located near a heat source? • Is the back of the refrigerator too close to the wall, preventing proper ventilation?
The food in the fridge is frozen.	• Check if the set temperature on the digital display is too low. • Try setting the refrigerator to a warmer temperature. • Is the temperature in the room too low? Set the refrigerator warmer. • Did you store the food which is juicy in the coldest part of the refrigerator? Try moving those items to the other shelves in the fridge instead of keeping them in the colder areas or bins.
You hear unusual noise or sounds.	• Check that the refrigerator is level and stable. • Is the back of the refrigerator too close to the wall, preventing proper ventilation? Try moving the back of the refrigerator at least 2 inches from the wall. • Was anything dropped behind or under the refrigerator? • A “ticking” sound is heard from inside the refrigerator. It is normal and occurs because various accessories are contracting or expanding according to the temperature of the refrigerator interior. • If it sounds as if something is hitting something else inside the refrigerator, this is normal. The sound is caused by the compressor operating at high capacity.
The cabinet-door sealing area of the appliance is hot and condensation is occurring.	• Some heat is normal as anti-condensators are installed in the vertical hinged section of the refrigerator to prevent condensation. • Is the refrigerator door ajar? Condensation can occur when you leave the door open for a long time.
Ice Maker is not producing ice.	• Did you wait for 12 hours after installation of the water supply line before making ice? • Is the water line connected and the shut-off valve opened? • Did you manually stop the ice making function? • Is the freezer temperature too warm? Try setting the freezer temperature lower.
You can hear water bubbling in the refrigerator.	• This is normal. The bubbling comes from refrigerant circulating through the refrigerator.
There is a bad smell in the refrigerator.	• Check for spoiled food. • Foods with strong odors (for example, fish) should be tightly covered. • Clean out your freezer periodically and throw away any spoiled or suspicious food.
Frost forms on the walls of the freezer.	• Is the air vent blocked? Remove any obstructions so air can circulate freely. • Allow sufficient space between the stored foods for efficient air circulation. • Is the freezer drawer closed properly?
Water dispenser is not functioning.	• Is the water line connected and the shut-off valve opened? • Has the water supply line tubing been crushed or kinked? • Make sure the tubing is free and clear of any obstruction. • Is the water tank frozen because the fridge temperature is too low? Try selecting a warmer setting on the Digital display.
Auto close system does not work with the freezer door.	• Is there an imbalance between the right and left parts of the door? • Open and close the door smoothly 1~2 times. After you do this, the auto close system usually works properly again. • Try opening the door smoothly to avoid unbalancing the right part and the left part of the door.

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Memo

Ambient Room Temperature Limits

This refrigerator is designed to operate in ambient temperatures specified by its temperature class marked on the rating plate.

Class	Symbol	Ambient Temperature range (°C)
Extended Temperate	SN	+10 to +32
Temperate	N	+16 to +32
Subtropical	ST	+16 to +38
Tropical	T	+16 to +43

Internal temperatures may be affected by such factors as the location of the refrigerator, ambient temperature and the frequency with which you open the door. Adjust the temperature as required to compensate for these factors.

English

Correct Disposal of This Product
(Waste Electrical & Electronic Equipment)

(Applicable in the European Union and other European countries with separate collection systems)

This marking on the product, accessories or literature indicates that the product and its electronic accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste at the end of their working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed with other commercial wastes for disposal.

Contact SAMSUNG WORLD WIDE

If you have any questions or comments relating to Samsung products, please contact the SAMSUNG customer care center.

COUNTRY	CALL	Web site
AUSTRALIA	1300 362 603	www.samsung.com/au
COLOMBIA	01-8000112112	www.samsung.com.co
EIRE	0818 717 100	www.samsung.com/ie
HONG KONG	(852) 3698-4698	www.samsung.com/hk www.samsung.com/hk_en/
INDIA	3030 8282, 1800 110011, 1-800-3000-8282,1800 266 8282	www.samsung.com/in
MALAYSIA	1800-88-9999	www.samsung.com/my
NEW ZEALAND	0800 SAMSUNG (726-7864)	www.samsung.com/nz
PANAMA	800-7267	www.samsung.com/latin
PHILIPPINES	1800-10-SAMSUNG (726-7864)	www.samsung.com/ph
SINGAPORE	1800-SAMSUNG (726-7864)	www.samsung.com
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